

Converting Colors

RGB(128, 226, 197)

Have a look what the booklet for
RGB(128, 226, 197) contains.

RGB(128, 226, 197)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(128, 226, 197)

Conversions

Conversions Part 1

Format	Color
Hex	80E2C5
RGB	128, 226, 197
RGB Percent	50%, 89%, 77%
CMY	0.4980, 0.1137, 0.2275
CMYK	0.43, 0.00, 0.13, 0.11
HSL	162°, 63%, 69%
HSV	162°, 43%, 89%
XYZ	46.1765, 63.0131, 62.5523
YIQ	193.3920, -49.0990, -29.7950

Conversions

Conversions Part 2

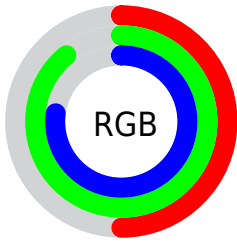
Format	Color
RYB	128, 186, 226
Decimal	8446661
CIELab	83.45, -35.60, 5.20
CIElCh	83, 35.974, 171.684
Yxy	63.0131, 0.2689, 0.3669
Android (android.graphics.Color)	4286636741 (0xFF80E2C5)
YUV	193.3920, 1.7787, -57.3488
Hunter-Lab	79.3808, -35.0814, 8.8459

Details

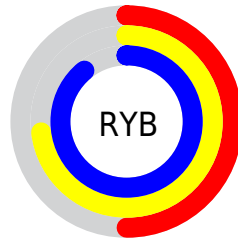
The RGB color **128, 226, 197** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **226, 128, 157**, and the grayscale version is **193, 193, 193**.

A 20% lighter version of the original color is **185, 255, 254**, and **71, 170, 143** is the 20% darker color. If you saturate the color by 10%, you get **105, 226, 190**, and if you desaturate by 10%, it is **151, 226, 204**.

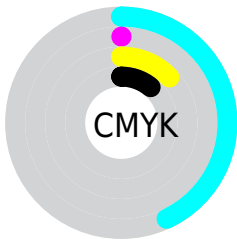
Distribution



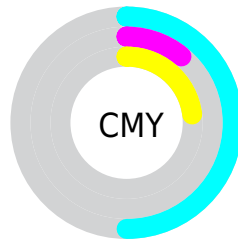
- Red (50%)
- Green (89%)
- Blue (77%)



- Red (50%)
- Yellow (73%)
- Blue (89%)



- Cyan (43%)
- Magenta (0%)
- Yellow (13%)
- Black (11%)



- Cyan (50%)
- Magenta (11%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the RGB color 128, 226, 197 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RGB color 128, 226, 197 by changing the saturation by 10% instead.

 128, 226, 197


255, 255, 255


 185, 255, 254

 214, 255, 255


 244, 255, 255

 128, 226, 197

 100, 198, 170

 71, 170, 143

 39, 143, 118

 0, 117, 93

 0, 92, 70

 0, 68, 47

 0, 45, 26


 0, 20, 0

 0, 0, 0

 128, 226, 197

 128, 226, 197

 105, 226, 190

 151, 226, 204

 83, 226, 184

 173, 226, 210

 60, 226, 177

 196, 226, 217

 38, 226, 170

 218, 226, 224

 15, 226, 164

 241, 226, 230

 0, 226, 159

 255, 226, 237

 255, 226, 244

 255, 226, 251

 255, 226, 255

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



167, 222, 165



128, 226, 197



99, 226, 232

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



128, 226, 197



200, 203, 255



255, 191, 156

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



128, 226, 197



226, 128, 157

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 184, 185



128, 226, 197



242, 191, 250

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



128, 226, 197



149, 214, 255



255, 183, 219



240, 203, 141

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



128, 226, 197



99, 224, 252



255, 183, 219



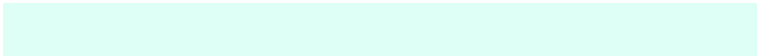
255, 188, 164

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



128, 226, 197



222, 255, 245



157, 226, 128



107, 128, 121



0, 0, 0



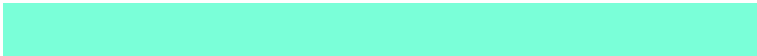
128, 128, 128

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



128, 226, 197



122, 255, 216



128, 206, 226



101, 112, 109



0, 176, 124



0, 48, 34

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



226, 128, 157



255, 122, 162



226, 148, 128



112, 101, 104



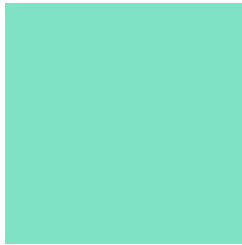
176, 0, 52



48, 0, 14

Previews

White Background



This preview shows how the RGB color 128, 226, 197 looks on a white background.

Color Contrast Check

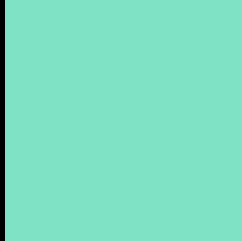
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 128, 226, 197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

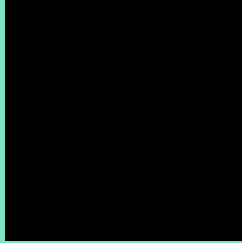
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 128, 226, 197 Background



This preview shows how black text looks on a background with the RGB color 128, 226, 197.

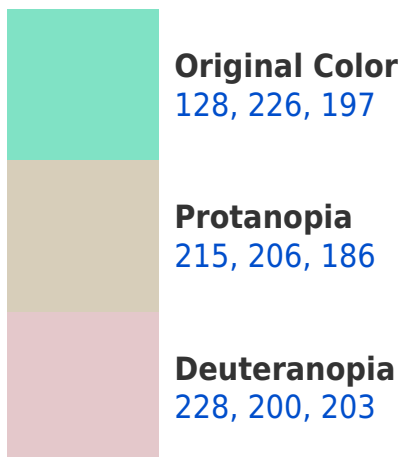


This preview shows how white text looks on a background with the RGB color 128, 226, 197.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





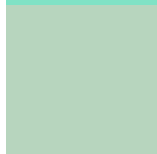
Tritanopia
139, 220, 238

Trichromacy



Original Color

128, 226, 197



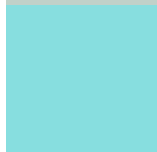
Protanomaly

183, 213, 190



Deuteranomaly

192, 209, 201



Tritanomaly

135, 222, 223

Monochromacy



Original Color

128, 226, 197



Achromatopsia

193, 193, 193



Achromatomaly

169, 205, 194

CSS Examples

Text

The CSS property to change the color of the text to RGB 128, 226, 197 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(128, 226, 197)` looks like.

```
.text, #text, p{  
    color:rgb(128, 226, 197)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(128, 226, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 226, 197) }
```

Border

The CSS property to change the border of an element to RGB 128, 226, 197 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(128, 226, 197) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(128, 226, 197) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(128, 226, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 226, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 226, 197);  
box-shadow:4px 4px 4px 4px rgb(128, 226,  
197) }
```

Background

The CSS property to change the background color of an element to RGB 128, 226, 197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 226, 197) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(128,  
226, 197) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor